## (19) World Intellectual Property Organization

International Bureau



## 

(43) International Publication Date 17 February 2005 (17.02.2005)

PCT

### (10) International Publication Number WO 2005/015807 A2

(51) International Patent Classification7:

H04L

(21) International Application Number:

PCT/US2004/026030

(22) International Filing Date: 9 August 2004 (09.08.2004)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

60/493,270

7 August 2003 (07.08.2003)

(71) Applicant (for all designated States except US): SIMPLE COM TOOLS, LLC [US/US]; 10112 Radcliff Drive, Tampa, FL 33626 (US).

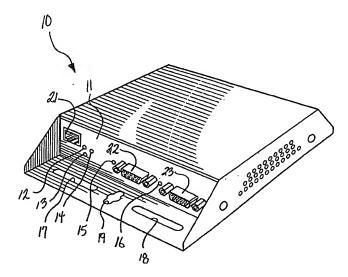
(72) Inventors; and

(75) Inventors/Applicants (for US only): CASPERSON, Steven, A. [US/US]; 10112 Radcliffe Drive, Tampa, FL 33626 (US). CRUM, Billy, Wayne [US/US]; 4006 St. Joseph Drive, Indian Trail, NC 28079 (US). MCKEON, Brian, J. [US/US]; 7607 Taft Place, Indian Trail, NC 28079 (US).

- (74) Agent: SCHWARTZ, Jeffrey, J.; Schwartz Law Firm, P.C., SouthPark Towers, 6100 Fairview Road, Suite 530, Charlotte, NC 28210 (US).
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI,

[Continued on next page]

(54) Title: REALTIME ELECTRONIC COMMUNICATIONS SYSTEM AND METHOD



(57) Abstract: A realtime electronic communications system utilizes an instant-messaging server. A first computer includes a first instant-messaging client. The first client is adapted for logging the first computer into the server, and communicating to the server connecting information of the first computer. A second computer includes a second instant-messaging client. The second client is adapted for logging the second computer into the server, and communicating to the server connecting information of the second computer. An external device is operatively connected to the second computer. Respective connecting information of the first and second computers is utilized for effecting realtime peer-to-peer communication between the first and second computers, whereby the first computer interfaces with the external device in realtime.

### WO 2005/015807 A2



SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

GW, MIL, MR, NE, 311, 1D, 1G).

### Published:

 without international search report and to be republished upon receipt of that report For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

### (19) World Intellectual Property Organization

International Bureau



## - 1 1881 B BINGER IN BERKE (1811 BENK 1811) BENK 1811 FINN BENK 1818 BENK 1811 BENK 1811 BENK 1811 BENK 1811 BENK 1811

(43) International Publication Date 17 February 2005 (17.02.2005)

**PCT** 

# (10) International Publication Number WO 2005/015807 A3

(51) International Patent Classification<sup>7</sup>:

G06F 15/16

(21) International Application Number:

PCT/US2004/026030

(22) International Filing Date: 9 August 2004 (09.08.2004)

(25) Filing Language:

English

(26) Publication Language:

**English** 

(30) Priority Data: 60/493,270

7 August 2003 (07.08.2003) US

- (71) Applicant (for all designated States except US): SIMPLE COM TOOLS, LLC [US/US]; 10112 Radcliff Drive, Tampa, FL 33626 (US).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): CASPERSON, Steven, A. [US/US]; 10112 Radcliffe Drive, Tampa, FL 33626 (US). CRUM, Billy, Wayne [US/US]; 4006 St. Joseph Drive, Indian Trail, NC 28079 (US). MCKEON, Brian, J. [US/US]; 7607 Taft Place, Indian Trail, NC 28079 (US).
- (74) Agent: SCHWARTZ, Jeffrey, J.; Schwartz Law Firm, P.C., SouthPark Towers, 6100 Fairview Road, Suite 530, Charlotte, NC 28210 (US).

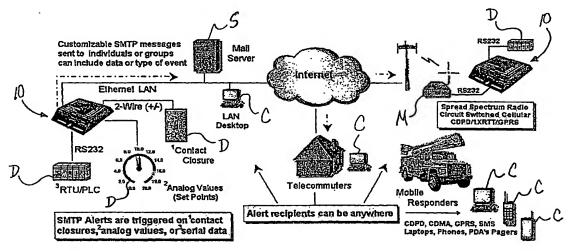
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

#### Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments
- (88) Date of publication of the international search report: 23 June 2005

[Continued on next page]

#### (54) Title: REALTIME ELECTRONIC COMMUNICATIONS SYSTEM AND METHOD



(57) Abstract: A realtime electronic communications system utilizes an instant-messaging server. A first computer includes a first instant-messaging client. The first client is adapted for logging the first computer into the server, and communicating to the server connecting information of the first computer. A second computer includes a second instant-messaging client. The second client is adapted for logging the second computer into the server, and communicating to the server connecting information of the second computer. An external device is operatively connected to the second computer. Respective connecting information of the first and second computers is utilized for effecting realtime peer-to-peer communication between the first and second computers, whereby the first computer interfaces with the external device in realtime.

### 

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.